**3GPP TSG-RAN5 Meeting #99 *R5-23XXXX***

**Incheon, Korea (Republic Of), 22nd May 2023 - 26th May 2023**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **36.523-2** | **CR** | **XXXX** | **rev** | **-** | **Current version:** | **18.0.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
|  | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | RAT specific PICS parameter update to applicability of NTN test cases | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Qualcomm Incorporated, MediaTek Inc. | | | | | | | | | |
| ***Source to TSG:*** | R5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | LTE\_NBIOT\_eMTC\_NTN\_plus\_EPS-UEConTest | | | | |  | ***Date:*** | | | 2023-05-24 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)*  *Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Based on the discussion paper R5-233161, separate clause is created to list the legacy (Release 13, 14) test cases applicable for a NB-IoT NTN GSO only supported UEs. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Updated the applicabilities of all NTN test cases. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Legacy test cases cannot be test cases on a NB-IOT NTN GSO only UE. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 4.X. (New) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | | TTCN Impact  Secretary to resolve ‘X’ in clause 4.X.1 | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

<Start of modified section>

## 4.X Protocol conformance test cases applicability for NB-IoT NTN GSO only UEs

### 4.X.1 NB-IoT NTN GSO only UEs

Test cases applicable to NB-IoT NTN GSO only UEs (A.4.4-1/KKK) are listed in Table 4.X.1-1. The Applicability - Condition of each individual test is as identified in subclause 4.

Table 4.X.1-1: Protocol conformance test cases applicable to Rel-17 NB-IoT NTN GSO only UEs

| Clause | **Comment** |
| --- | --- |
|  |  |
| 22.1.1.M3 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.2.4 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.1 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.2 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.3 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.4 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.6 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.6a | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.7 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.8 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.9 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.10 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.1 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.2 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.3 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.4 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.5 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.6 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.13 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.14 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.19a | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.20a | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.23 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.24 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.5.10 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.5.11 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.5.17 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.5.18 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.5.20 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.6.1a | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.1.1.M3 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.2.4 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.1 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.2 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.3 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.4 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.6 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.6a | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.7 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.8 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.9 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.1.10 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.1 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.2 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.3 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.4 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.3.2.5 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.6 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.13 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.14 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.19a | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.20a | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.23 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.4.24 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.5.10 | pc\_NB\_ntn\_only\_Connectivity\_EPC |
| 22.5.11 | pc\_NB\_ntn\_only\_Connectivity\_EPC |

<End of modified section>